

Notice of Allowability

Application No.

10/729,921

Examiner

Robert J. Hoffberg

Applicant(s)

TUNG, MENG

Art Unit

2835

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/9/2003.
2. ☒ The allowed claim(s) is/are 1 - 2.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 11/15/05.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

LYNN FEILD
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800

Examiner's Amendment

Drawings

1. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because in Figures 2 and 3 reference characters "10" and "20" have both been used to designate "upper frame" and "lower rear panel" and are reversed from Fig. 2 to Fig. 3; "41" and "42" have both been used to designate "hexagonal nut" and "screw" and are reversed from Fig. 2 to Fig. 3. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Allowable Subject Matter

2. The following is a statement of reasons for the indication of allowable subject matter: the overall structure of the apparatus as recited in independent claim 1, and at least in part, because claim 1 recites a "CPU", "motherboard", "upper frame", "lower rear frame", "four expanding nail assemblies" and "two positioning screws". The aforementioned limitations in combination with all remaining limitations of the respective

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claims are believed to render said independent claim 1 and all claims dependent therefrom patentable over art of record.

The closest references to the present invention are believed to be as follows: Szu et al. (US 6,560,112) teaches a fan stand structure (Figs. 3 and 4) which comprise a "CPU", "motherboard", "upper frame", "lower rear frame", "four expanding nail assemblies" is close to the arrangement claimed but lacks the screws and nuts. Ma (US 6,791,847) and Tucker et al. (US 6,392,977) teach fan stand structures which comprise a "CPU", "motherboard", "upper frame", "lower rear frame", "screws" are close to the arrangement claimed but lacks the nail assemblies and nuts. Yoneyama et al. (US 6,449,154), Io (US 6,560,111) and Liu (US 2004/0052055) teach fan stand structures which comprise a "CPU", "motherboard", "upper frame", "lower rear frame" are close to the arrangement claimed but lacks the nail assemblies, screws and nuts. Szu (US 6,280,116) teaches a "nail assembly" to retain components through a circuit board but lacks the balance of the structure.

Conclusion

This application is in condition for allowance except for the following formal matters: drawings and claims.

No amendment affecting the scope of the claims is allowed. Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert J. Hoffberg whose telephone number is (571) 272-2761. The examiner can normally be reached on 8:30 AM - 4:30 PM Mon - Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn D. Feild can be reached on (571) 272-2092. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RJH *[Signature]*

[Signature]
LYNN FEILD
SUPERVISORY PATENT EXAMINER
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